

## **IN THE CLAIMS:**

Please amend the claims as follows.

1. (Currently amended) An indicator assembly comprising:  
[[-]] a light guide configured to direct light from an indicator light source; ~~and~~  
[[-]] a photodetector configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light, wherein the photodetector is further configured to detect an intensity and a wavelength of the light which it receives from the light guide; and  
a controller configured to receive the signal and determine whether intensity or wavelength faults are present.
2. (Currently amended) The indicator assembly of Claim 1, wherein ~~the photodetector is connectable to a controller to provide the signal to the controller~~ the controller is configured to produce an indication of whether a fault is an intensity fault or a wavelength fault.
3. (Cancelled)
4. (Currently amended) The indicator assembly of Claim 1, comprising:  
[[-]] a plurality of light guides configured to direct light from a respective one of a plurality of indicator light sources; and  
[[-]] a plurality of photodetectors each configured to receive a portion of the light directed by a respective light guide to produce a respective signal representative of said respective portion of light.
5. (Currently amended) The indicator assembly of Claim 1, comprising:

[[ -]] a light guide configured to direct light from each of a plurality of indicator light sources; and

[[ -]] a photodetector configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light.

6. (Original) The indicator assembly of Claim 1, wherein the light guide comprises a cap of a light emitting diode (LED).
7. (Currently amended) An indicator control apparatus, the apparatus comprising:
  - [[ -]] a light guide configured to direct light from an indicator light source;
  - [[ -]] a photodetector configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light, wherein the photodetector is configured to detect at least one of a wavelength and an intensity of the light which it receives from the light guide; and
  - [[ -]] a controller configured to receive the signal, wherein the controller is configured to determine from the received signal a deviation from an expected intensity or wavelength of the light directed by the light guide and to assert a signal to the indicator light source to alter a light output thereof to compensate for the deviation.
8. (Original) The indicator control apparatus of Claim 7, wherein the controller is operable to determine whether the signal is consistent with the presence of a fault.
9. (Original) The indicator control apparatus of Claim 7, wherein the controller is operable to produce an indication of a determined fault.
10. (Original) The indicator control apparatus of Claim 9, wherein the indication of the fault is an audible or a visual indication.

11. (Original) The indicator control apparatus of Claim 7, wherein the controller is operable to assert an activation signal or a deactivation signal to the light source to activate or deactivate the light source respectively.
12. (Cancelled)
13. (Cancelled)
14. (Currently amended) The indicator control apparatus of Claim 7, wherein the photodetector is operable to detect an intensity and ~~[[an]]~~ a wavelength of the light which it receives from the light guide and wherein the controller is operable to determine whether intensity or wavelength faults are present.
15. (Original) The indicator control apparatus of Claim 14, wherein the controller is operable to produce an indication of whether a fault is an intensity fault or a wavelength fault.
16. (Currently amended) An ~~The~~ indicator control apparatus ~~of Claim 7, the apparatus~~ comprising:
  - ~~[[ - ]]~~ a plurality of light guides configured to direct light from a respective one of a plurality of indicator light sources; ~~and~~
  - ~~[[ - ]]~~ a plurality of photodetectors each configured to receive a portion of the light directed by a respective light guide to produce a respective signal representative of said respective portion of light; and
  - a controller configured to receive the signal, wherein the controller is configured to perform a test cycle comprising asserting an activate signal to each of the light sources and determining whether each respective signal representative of said respective portion of light is consistent with the presence of a fault.
17. (Cancelled)

18. (Currently amended) An The indicator control apparatus of Claim 7, the apparatus comprising:  
[[ - ]] a light guide configured to direct light from each of a plurality of indicator light sources; ~~and~~  
[[ - ]] a photodetector configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light; and  
a controller configured to receive the signal, wherein the controller is operable to perform a test cycle including:  
(A) asserting an activate signal to one of the indicator light sources and asserting a deactivate signal to the remaining light sources;  
(B) determining whether the signal representative of said portion of light is consistent with the presence of a fault; and  
(C) repeating steps A and B until each of the indicator light sources has been tested in the test cycle.
19. (Cancelled)
20. (Original) The indicator control apparatus of Claim 7, wherein the light guide comprises a cap of a light emitting diode (LED).
21. (Cancelled)
22. (Currently amended) A computer system comprising an indicator assembly, the indicator assembly comprising:  
[[ - ]] a light guide configured to direct light from an indicator light source; ~~and~~  
[[ - ]] a photodetector configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light, wherein the

photodetector is further configured to detect an intensity and a wavelength of the light which it receives from the light guide; and  
a controller configured to receive the signal and determine whether intensity or wavelength faults are present.

23. (Currently amended) A circuit board with an indicator light source, a light guide, ~~and~~ a photodetector, and a controller mounted thereon, the light guide being configured to direct light from the indicator light source, the photodetector being configured to receive a portion of the light directed by the light guide to produce a signal representative of said portion of light, wherein the photodetector is further configured to detect an intensity and a wavelength of the light which it receives from the light guide, and wherein the controller is configured to receive the signal and determine whether intensity or wavelength faults are present.
24. (Currently amended) A method for testing for faults in an indicator assembly, the method comprising:  
[[-]] directing light from an indicator light source using a light guide; ~~and~~  
[[-]] receiving at a photodetector a portion of the light directed by the light guide to produce a signal representative of said portion of light;  
the photodetector detecting an intensity and a wavelength of the light which it receives from the light guide;  
receiving the signal at a controller; and  
the controller determining whether intensity or wavelength faults are present.
25. (Currently amended) ~~A~~ The method for testing for faults in an indicator assembly of Claim 24, further, the method comprising:  
[[-]] directing light from a plurality of indicator light sources using a plurality of respective light guides; ~~and~~

[[ -]] receiving at a respective photodetector a respective portion of the light directed by a respective light guide to produce a respective signal representative of said respective portion of light; and

performing a test cycle including:

asserting an activate signal to each indicator light source to activate each of the light sources; and

determining whether each of the signals representative of a respective portion of light is consistent with the presence of a fault.

26. (Cancelled)

27. (Currently amended) A The method for testing for faults in an indicator assembly of Claim 24, further, the method comprising:

[[ -]] directing light from each of a plurality of indicator light sources to an exterior panel of the computer system using a light guide; and

[[ -]] receiving at a photodetector a portion of the light directed by the light guide to produce a signal representative of said portion of light; and

performing a test cycle including:

(A) asserting an activate signal to one of the indicator light sources and

asserting a deactivate signal to the remaining light sources;

(B) determining whether the signal representative of said portion of light is consistent with the presence of a fault; and

(C) repeating steps A and B until each of the indicator light sources has been tested in the test cycle.

28-30. (Cancelled)